

CLAIM

1. A single use applicator for dispensing and applying a uniform layer of viscous fluid which comprises;
 - an outer chemically inert cylindrical deformable tube, closed at one end, and open at the other,
 - said open end having a tapering rim section thereon,
 - a hermetically sealed crushable glass ampoule carried in said tube,
 - a viscous fluid in said ampoule to be dispensed,
 - an applicator element means being comprised of a plurality of synthetic fiber strands in side by side relationship,
 - said tube is compressed at its rim section, compressing said fiber strands at the approximate mid point of said element, creating a fluid control valve section and forming an hour glass configuration, and
 - said applicator element structure has an internal fluid reservoir section adjacent to said ampoule and an external fluid application tip section adjacent to said valve section.
2. A single use applicator, as defined in Claim 1 in which said fluid control valve has a minimum diameter at its approximate midpoint of 0.5 to 0.8 times the diameter of said element at its uncompressed ends.
3. A single use applicator as defined in Claim 1 in which said viscous fluid has suspended solids therein.
4. A single use applicator, as defined in Claim 1 in which said tube is of polyethylene resin.

5. A single use applicator as defined in Claim 1 in which said ampoule is of onion skin glass.
6. A single use applicator as defined in Claim 1 in which said ampoule has an inert anhydrous gas head over the fluid therein.
7. A single use applicator as defined in Claim 1 in which said applicator is provided with a mating cap to seal an activated applicator tip from the air.
8. A single use applicator as defined in Claim 1, in which said applicator fluid is an isocyanate based primer with suspended carbon black solids.
9. A single use applicator as defined in Claim 1 in which said tube rim section is formed by sonically welding said applicator element to said tube at the same time..
- 10.. A single use applicator as defined in Claim 1 in which said tube rim section is welded to said applicator element by heat and pressure.
11. A single use applicator, as defined in Claim 1 with a tubular body portion of sufficient strength and wall thickness to protect the said enclosed ampoule from accidental breakage during shipment and handling prior to use.
12. The single use applicator as defined in Claim 1 in which said applicator element is constructed of polyester fiber tow bonded along its axial length.